

We claim:

1. A method of synchronizing first and second data streams, said first data stream acting as a reference stream, comprising:

displaying elements of said first data stream on a display device along a time line;

5 displaying containers for elements of said second data stream on said display device alongside said elements of said first data stream;

interactively displacing said containers on said display device relative to said elements of said first data stream to align said containers with cue elements in said first data stream; and

10 generating synchronization markers for said aligned displayable elements relative to said first data stream.

2. A method as claimed in claim 1, wherein said first data stream is a video stream, and said elements thereof are video frames.

3. A method as claimed in claim 1, wherein said containers correspond to  
15 presentation slides.

4. A method as claimed in claim 4, wherein atoms corresponding to animation events within said slides are displayed in said containers, and said atoms are aligned with cue elements to generate synchronization markers for said animation events.

5. A method as claimed in any one of claim 1, wherein said synchronization markers  
20 are output into a synchronization file.

6. A method as claimed in claims 1, wherein said containers are interconnected so that as one container is displaced on the display device relative to the video stream, downstream containers are correspondingly displaced at the same time.

7. A method as claimed in claim 1, wherein said synchronization markers are timings relative to a reference point.
8. A method as claimed in claim 7, wherein said reference point is the start of the first data stream.
- 5 9. An apparatus for synchronizing first and second data streams, said first data stream acting as a reference stream and including video frames and said second data stream including a series of displayable elements, comprising:
- a display device;
  - a first software component for displaying video frames of said first data stream
  - 10 along a timeline on a display device;
  - a second software component for displaying said containers for said displayable elements of second data stream on said display device alongside said video frames of said first data stream;
  - a pointer for interactively displacing containers on said display device relative to
  - 15 said video frames to align said containers with video cues; and
  - a third software component for generating synchronization markers for said aligned displayable elements relative to said first data stream.
10. An apparatus as claimed in claim 9, wherein said third software component creates a synchronization file containing said synchronization markers.
- 20 11. An apparatus as claimed in claim 9, further comprising a fourth software component for displaying displaceable atoms corresponding to animation events within said slides and generating synchronization markers for said animation events within said slides.